KHUN AUNG

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MOBILE ANDROID SOFTWARE ENGINEER

Skilled Android Developer with 5 years of hands-on experience in designing, developing, maintaining, and deploying mobile applications for financial sectors using Java and Kotlin. Skilled in requirements gathering, defining project scope, and collaborating with cross-functional teams and clients using Agile/Scrum methodologies to deliver robust, scalable, and innovative solutions. Strong problem-solving abilities and excellent communication skills.

*CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment, Willing to relocate).*

CORE COMPETENCIES

OOP · SDLC · SOLID · Android Architecture Components · Android SDK · Android Jetpack
Android Architecture Pattern · Google Play Store · Clean Architecture · UI Design · Unit Testing · Efficiency
Improvements · Team Collaboration · Problem Solving

Languages: Java, Kotlin
Web: HTML, CSS, JavaScript, jQuery, React, XML
Web Services: Restful, GraphQL, SOAP, JSON
Web/App Servers: Apache Tomcat, AWS, EC2, S3, RDS, Azure
Frameworks: Express, Nodejs, React Native, Spring Boot, Hibernate, RxJava, RxAndroid, Dagger, Hilt, Koin, Material Design
Databases: MySQL, Oracle PL/SQL, SQLite, Mongo DB, Firebase Realtime Database
Design Patterns: MVC, MVP, MVVM, MVI, Singleton, Builder, Repository, Factory, Observer
SDLC: Agile/Scrum
Tools: Android Studio, IntelliJ, Genymotion, Git, Bitbucket, Jenkin, Jira, Figma, UnitTest, jUnit, Mockito, CI/CD, Docker
Platforms: Windows, Linux, MacOS

PROFESSIONAL EXPERIENCE

KBZ BANK, Yangon, Myanmar · 05/2017 – 02/2023
Myanmar's largest privately-owned bank, driving the success of the nation's entrepreneurs, businesses, and communities.

Mobile Android Software Engineer (07/2018 – 02/2023)

- Designed and implemented the high-quality native Android mobile apps using Java, Kotlin, Android SDK, MVP, MVVM, MVI, and Android Jetpack libraries to enhance the app performance and user engagement metrics.
- Integrated Android projects with backend web service using Retrofit and third-party libraries using DEX-Protector, OneLogin, and ID-mission Biometric SDK to enhance functionality, improve performance, reduce load times, protect against a range of security threats, secure the code against reverse engineering.
- Work closely with UI/UX designers to create visually appealing and user-friendly interfaces, optimizing user experiences for various screen sizes and resolutions by using Figma to achieve designs that were beautiful and practical.
- Collaborated with cross-functional teams including PM, BA, QA, Back-end, and UI/UX teams to gather requirements and define project scopes using Jira/scrum framework to deliver the project timely and meet the client's expectations.
- Performed the projects in testing, bug fixing, troubleshooting, and maintenance resulting increase in performance and a 100% reduction in crash rate.
- Provided mentorship to junior developers and internships providing them knowledge-sharing environments and participating in the code reviews sections.

- Researched and implemented modern trend technologies to enhance the existing app, and ensure the coding standard and best practices, by following the Google developers' documents resulting in the improvement of overall code and reduction in onboarding time for new team members.
- Deployed mobile applications on the Company's DC/DR Server, Google Play Store, and other app stores such as Samsung, Xiaomi, Huawei, etc.,

Apps/Projects: **KBZConnect**, **KBZPay**, *DigitalOnboarding*, **mBanking**, *KBZCatalyst, SmartHR*

Utilized Technology: *Java, Kotlin, Android Studio, MVP, MVVM, MVI, RxJava, Coroutine, Retrofit, KOIN, Dagger-Hilt, Clean Architecture, Jetpack Libraries, Git, Bitbucket, Jira*

Junior Developer (05/2017 – 07/2018)
- Developed and ensured the software functionality works, using C# Entity Framework, and Corebanking Flexcube resulting in meeting the in-house client expectations.
- Participated with in-house application teams and other IT teams in the department gathering to gather the project features and scope using the Jira Tool resulting in 100% timely project delivery.
- Debugged and resolved the technical problems that arose using Bugs Tracking Tools and Spread sheet resulting in a 25% reduction in user complaints and a 15% increase in client satisfaction scores.
- Wrote technical and functional documentation to facilitate software functionalities and to help users become more familiar with working on it.

App/Projects: *Customer Onboarding*

Utilized Technology: *C#, Entity Framework, MS VS Studio, PL/SQL, Oracle Flexcube, Git, Bitbucket, Jira*

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2025)
Maharishi International University, Fairfield, Iowa
Key Courses*: Fundamental Programming Practice, Modern Programming Practice, Algorithms, Web Application Programming, Web Application Development, Mobile Application Development, Software Engineering, Enterprise Application, Cloud Computing*

Bachelor of Computer Science in Computer Science
University of Computer Studies, Yangon, Myanmar

ACHIEVEMENTS

Google Play Store Listing Certificate (2024)

Google Play Store with 1M+ downloaded users

Professional Diploma in Java Programming, IMCEITS-CDAC (2016)

Professional Certificate in Android Programming, IMCEITS-CDAC (2016)

PROJECTS AND PUBLICATIONS

MM-Calendar (2020) – 1+ Million downloads with a 4.6 rating (See on Google Play App Store)
An Android app with Myanmar versus English calendar. It can be calculated and converted to the date between Myanmar and English. Users can add notes, events, and memories to the note features.

English-Myanmar Dictionary (2021) – 100K+ downloads with a 4.6 rating (See on Google Play App Store)
An offline dictionary allows users to search for the explanation of each English word in the Myanmar language. It also provides word of the day; the user can memorize at least one English word randomly every day.

Dhamma Tayardaw (2021) – 10K+ downloads with a 5.0 rating ([See on Google Play App Store](#))
An app helps those who are interested in reading the Buddha Dhamma Script and listening to audio from Buddhist Monks, Abidhama Teachers, Meditation Trainers, etc. Users can also read and listen to them offline by downloading PDF Docs, and MP3 Audios Files.

Myanmar Thetpone (2022) – 50K+ downloads with a 5.0 rating ([See on Google Play App Store](#))
A Spelling App for those who learning Myanmar Word. It can be searched and checked the Myanmar over 200 provided words. A spelling Quiz Game is also provided and users can practice the word spelling.

MyHealth (2021) – 1K+ downloads ([See on Google Play App Store](#))
The app provides the following features: health information and knowledge, BMI Calculator, Due Date Calculator, and full descriptions of each result.

Utilized Technology: Kotlin, MVVM, LiveData, Room, Retrofit, Coroutine, Dagger/Hilt, Navigation, Exo-Player, Google Speech Recognition, Firebase, and ironSource Monetization SDK

RECENT PROJECTS (ACADEMIC)

Maharishi International University (2023) – **Movie-Vault:** A native android application using Jetpack Compose for UI development. This app serves the interface for user to register, log in, browse movie collections, watch movie trailers, and save their favorites. *Utilized Kotlin, Jetpack Compose, MVVM, Retrofit, Coroutine, Hilt, Navigation Graph, Android Studio. [See on Github](#).*

Maharishi International University (2023) – **Movie-Vault-WebApp:** A RESTful API web application, serve as a backend for Movie-Vault project, capable of efficiently storing, retrieving and processing both movie and user information. *Utilized Java, Spring Boot, Spring Security, Spring Data JPA, Lombok, MySQL, Azure, AWS, IntelliJ. [See on Github](#).*

Maharishi International University (2023) - **Library Management System:** A desktop application that can manage the daily functions of a library. I was a team leader in this project. I prepared the project documents and developed desktop UI screens. *Utilized Java, Swing, IntelliJ. [See on Github.](#)*

Maharishi International University (2023) - **Case Management System:** A web application for the lawyer. Working with a team, I was a backend developer in this project, developing the backend webservice APIs. Utilized HTML, CSS, JavaScript, Express, NodeJS, Prisma. [See on Github.](#)

Maharishi International University (2023) - **Product Management System:** A CRUD Web application project to manage product stock. Working with a team. I was a front-end developer and developed web page screens for some features. Utilized React, Express, NodeJS, JavaScript. [See on Github.](#)

Maharishi International University (2023) - **Restaurant Management System:** A hybrid mobile application project using React Native Technology. It can be installed on Android and iOS mobile devices. I was a team leader and worked both front-end and back-end. In front-end I developed mobile screens user interface (UI) using React Native framework, Figma for UI/UX. I also developed the backend web service API for the project using NodeJS, MongoDB and Firebase. Utilized React Native, Express, NodeJS, MongoDB, Firebase. [See on Github.](#)